

DART SERVICE BULLETIN SB08-1

Affecting:

**D412-702-021 / D412-702-023 / D412-702-025 / D412-702-027 / D412-702-029 / D412-702-031 / D412-702-033
/ D214-702-035 Shoulder Harness Kits (4 Point Metal to Metal)**

REF. CANADIAN STC: SH04-7

REF. FAA STC: SR01997NY

REF. EASA STC: IM.R.S.00710

**BASED ON FURTHER INVESTIGATION BY THE HARNESS MANUFACTURER,
CUSTOMERS WHO HAVE RECEIVED SB08-1 "DRAFT" AND/OR SB08-1 REV A, MUST
ENSURE THAT THEIR KITS COMPLY WITH SB08-1 REV B.**

Dart Aerospace Ltd. has received information that indicates that under certain circumstances, the lever-type buckle included in the 4 Point Metal to Metal Shoulder Harness Kits (part numbers D412-702-021/-023/-025/-027/-029/-031/-033/D214-702-035) may become unlatched without the manual release of the buckle lever, causing the shoulder harness kit lap and shoulder belts to separate.

The following inspection must be conducted PRIOR TO NEXT FLIGHT. If aircraft and/or kit ownership has changed since purchase, please forward this bulletin to new owner IMMEDIATELY.

- 1) Inspect the SSP code stamped on the latching plate (see Photo 1 below) of p/n D3446-041/-043/-045 and D3496-041 shoulder harness assemblies. The SSP code should end with either the digits "07" or "08", ie: "SSP0408". If the SSP code is anything other than "SSPx07" or "SSPx08", the buckle portion of the harness (p/n D3446-1/-11/-21 or D3496-7, refer to Figure 25.9 of ICA-D412-702 Rev. 3 or sheet 3 of this service bulletin) must IMMEDIATELY be removed from the aircraft and RETURNED TO DART AEROSPACE LTD.



Photo 1: SSP number on the Buckle Latching Plate

B	REVISED NOTE 1 TO CHANGE "SSP" CODE CRITERIA. DELETED NOTES 2 AND 3. DELETED PHOTO 2.			MP	08.06.04
A	NEW ISSUE			HS	08.05.28
REV.	DESCRIPTION			BY	DATE
DESIGN	SW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN	HS				REV. B
CHECKED	DS	DRAWING NO. SB08-1			SHEET 1 OF 3
MFG. APPR.	N/A				TITLE
APPROVED	<i>[Signature]</i>	SERVICE BULLETIN			NTS
DE APPR.	<i>[Signature]</i>	COPYRIGHT © 2008 BY DART AEROSPACE LTD			
DATE	08.06.04	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

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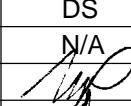
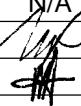
Affecting:

D412-702-021 / D412-702-023 / D412-702-025 / D412-702-027 / D412-702-029 / D412-702-031 / D412-702-033
/ D214-702-035 Shoulder Harness Kits (4 Point Metal to Metal)

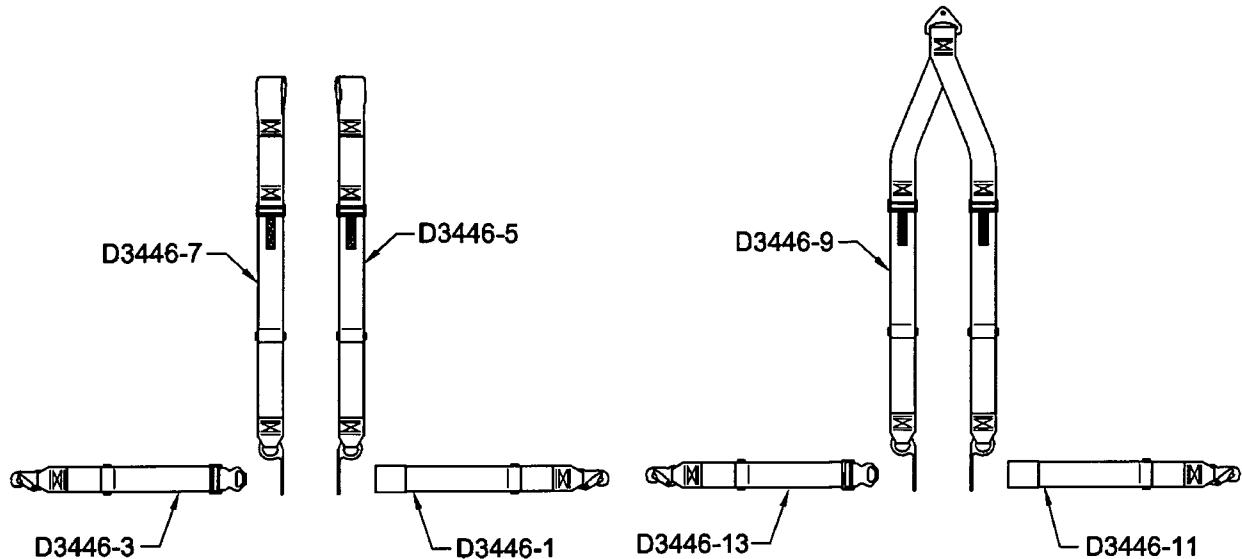
REF. CANADIAN STC: SH04-7
REF. FAA STC: SR01997NY
REF. EASA STC: IM.R.S.00710

- 2) Deleted
- 3) Deleted
- 4) Replacement D3446-1/-11/-21 and D3496-7 buckle assemblies (refer to Figure 25.9 of ICA-D412-702 Rev. 3) are available from Dart Aerospace Ltd AT NO CHARGE. Contact Sian Willems @ 613-632-5200 or by email @ swillems@dartaero.com referencing this Service Bulletin.
- 5) For return authorization and instructions, contact Sian Willems @ 613-632-5200 or by email @ swillems@dartaero.com referencing this Service Bulletin.
- 6) In order to minimize the impact of this situation on our customers, Dart Aerospace Ltd. will be shipping replacement buckle assemblies. Please note that buckle assemblies labeled "D3446-041", "D3446-043", "D3446-045" and "D3496-041" are all functionally identical and interchangeable. For shipments received as a result of service bulletin SB08-1, it is acceptable to install buckle assemblies whose identification tag does not match the rest of the existing shoulder harness kit in the aircraft.

Dart Aerospace Ltd. regrets any inconvenience this may cause.

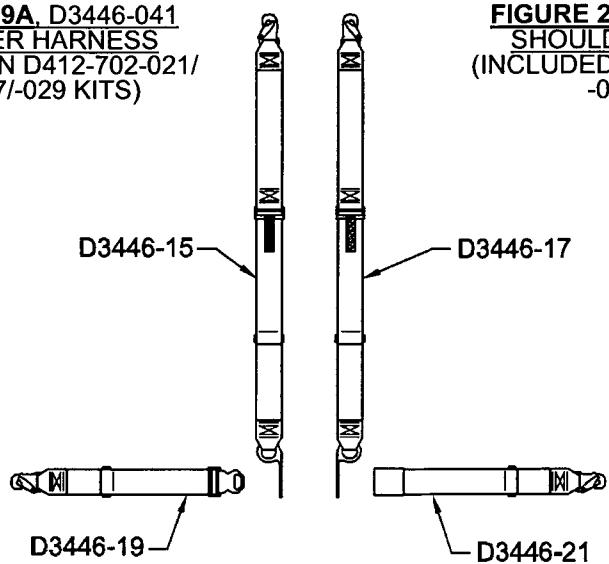
DESIGN	SW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	DS	DRAWING NO.	REV. B
MFG. APPR.	N/A	SB08-1	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SERVICE BULLETIN	NTS
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**FIGURE 25.9A, D3446-041
SHOULDER HARNESS
(INCLUDED IN D412-702-021/
-023/-027/-029 KITS)**

**FIGURE 25.9B, D3446-043
SHOULDER HARNESS
(INCLUDED IN D412-702-021/
-025 KITS)**



**FIGURE 25.9C, D3446-045 SHOULDER HARNESS
(INCLUDED IN D412-702-035 KITS)**

DESIGN	SW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	HS		
CHECKED	DS	DRAWING NO.	REV. B
MFG. APPR.	N/A	SB08-1	SHEET 3 OF 3
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